

# Material Safety Data Sheet

Identity (As Used on Label and List) Citrus Shield Premium Natural Paste Wax	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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## Section I

Manufacturer's Name Howard Products, Inc.	Emergency Telephone Number Chemtrec (800)- 424-9300
Address (Number, Street, City, State, and ZIP Code) 560 Linne Road	Telephone Number for Information (805) 227-1000
Paso Robles, CA 93446	Date Prepared 3/15/94 3rd Rev. 3/23/04
	Signature of Preparer (Optional)

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
D-Limonene - Orange Terpenes	None	None		
CAS# 5989-27-5				
Combustible Non-Hazardous Ingredients - Blend Of Waxes				

## Section III - Physical/Chemical Characteristics

Boiling Point	350°F	Specific Gravity (H <sub>2</sub> O = 1)	.886
Vapor Pressure (mm Hg.)	N/A	Melting Point	180°F
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Insoluble	Water Reactive No		
Appearance and Odor Orange waxy solid - citrus odor.			

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 109°F TCT	Flammable Limits in air % by volume N/A	LEL	UEL
Extinguishing Media Dry Chemical.			
Special Fire Fighting Procedures NONE			
Unusual Fire and Explosion Hazards NONE			

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## Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	Excessive Heat
	Stable	✓		
Incompatibility (Materials to Avoid)	Strong oxidizing agents - Peroxides, Halogens, Vinyl Chloride.			
Hazardous Decomposition By-products	Thermal decomposition yielding oxides of carbon.			
Hazardous Polymerization	May Occur		Conditions to Avoid	Polymerization catalysts such as
	Will Not Occur	✓		Aluminum Chloride.

## Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?	Not Hazardous	✓
Health Hazards	Acute N/A				
	Chronic N/A				
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?	Not Listed	✓
Signs and Symptoms of Exposure	N/A				
Medical Conditions	Generally Aggravated by Exposure None known.				
Emergency and First Aid Procedures	Seek medical assistance for further treatment, observation and support if necessary.				
Eye Contact	Flush eyes with clean water 15 minutes.				
Skin Contact	Wash affected area with soap and water.				
Inhalation	N/A				
Ingestion	DO NOT INDUCE VOMITING. Drink one glass of water.				

## Section VII - Precautions for Safe Handling and Use/Leak Procedures

Steps to Be Taken in Case Material is Released or Spilled	If molten, allow to solidify.				
Waste Disposal Method	Remove to landfill.				
Precautions to Be Taken in Handling and Storing	Keep away from heat and flame. Properly dispose of used cloths.				
Other Precautions	Use precautions for combustible materials.				
HMIS Rating:	Health 0	Flammability 2	Reactivity 0	Personal Protection	G

## Section VIII - Control Measures

Respiratory Protection ( <i>Specify Type</i> )				Not normally required.	
Ventilation	Local Exhaust			✓	Special None.
	Mechanical ( <i>General</i> )				Other None.
Protective Gloves	N/A		Eye Protection N/A		
Other Protective Clothing or Equipment None needed.					
Work/Hygienic Practices Wash hands with soap and water after handling.					

# Material Safety Data Sheet

Identity (As Used on Label and List) Citrus Shield Premium Color Paste Wax	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Paso Robles, CA 93446	Date Prepared 8/1/01 1st Rev. 3/23/04
	Signature of Preparer (Optional)

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
D-Limonene - Orange Terpenes CAS# 5989-27-5	None	None		
Aliphatic Hydrocarbons CAS# 8052-41-3		100 ppm		
Combustible Non-Hazardous Ingredients - Blend Of Waxes				

## Section III - Physical/Chemical Characteristics

Boiling Point	350°F	Specific Gravity (H <sub>2</sub> O = 1)	.886
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## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 109°F TCT	Flammable Limits in air % by volume N/A	LEL	UEL
Extinguishing Media Dry Chemical.			
Special Fire Fighting Procedures NONE			
Unusual Fire and Explosion Hazards NONE			

# Material Safety Data Sheet

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## Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	Excessive Heat
	Stable	✓		
Incompatibility (Materials to Avoid)	Strong oxidizing agents - Peroxides, Halogens, Vinyl Chloride.			
Hazardous Decomposition By-products	Thermal decomposition yielding oxides of carbon.			
Hazardous Polymerization	May Occur		Conditions to Avoid	Polymerization catalysts such as
	Will Not Occur	✓		Aluminum Chloride.

## Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?	✓	Not Hazardous
Health Hazards	Acute	May irritate digestive tract			
	Chronic	N/A			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?	Not Listed	✓
Signs and Symptoms of Exposure	Possible nausea				
Medical Conditions	Generally Aggravated by Exposure None known.				
Emergency and First Aid Procedures	Seek medical assistance for further treatment, observation and support if necessary.				
Eye Contact	Flush eyes with clean water 15 minutes.				
Skin Contact	Wash affected area with soap and water.				
Inhalation	N/A				
Ingestion	DO NOT INDUCE VOMITING. Drink one glass of water.				

## Section VII - Precautions for Safe Handling and Use/Leak Procedures

Steps to Be Taken in Case Material is Released or Spilled	If molten, allow to solidify.				
Waste Disposal Method	Remove to landfill.				
Precautions to Be Taken in Handling and Storing	Keep away from heat and flame. Properly dispose of used cloths.				
Other Precautions	Use precautions for combustible materials.				
HMIS Rating:	Health	0	Flammability	2	Reactivity 0 Personal Protection G

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Protective Gloves	N/A		Eye Protection N/A		
Other Protective Clothing or Equipment None needed.					
Work/Hygienic Practices Wash hands with soap and water after handling.					